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Should the Examiner have any questions with respect to any matter now of record, Applicant's representative may be reached at (219) 462-4999.

Respectfully submitted,

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CLAIMS

1.

A method of controlling a pest by at least partially coating the pest with a particulate material (7, 17) incorporating a killing or behaviormodifying agent which method comprises directing, attracting or otherwise luring the pest on to, above or otherwise adjacent a surface (4, 14) bearing such a particulate material (7, 17) to render the material (7) airborne by the movement off the pest on, above, or in the region of the particulate material-bearing surface (4, 14).

A method according to claim 1, wherein the particulate material (7, 17) is a powder which is sufficiently fine for it to be rendered airborne by a pest moving across, flying above, or adjacent, or taking-off from the particulate material-bearing surface (4, 14), so that the pest becomes at least partially coated with the powder.

A method according to claim 2\wherein the powder (7) comprises or is combined with at least one biological, synthetic or natural pesticide as a killing agent.

A method according to claim 1, wherein the pest is an insect pest.

A method according to claim 1, wherein the particultate material (7, 17) is charged electrostatically as it is rendered airborne from the particulate material-bearing surface (4, 14).

A method according to claim 5, wherein the particulate material (7) is charged by friction.

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7.

A method according to claim 1, wherein the surface (4, 14) is associated with a trap (1, 11), comprising an electrically insulating material.

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A method according to claim 7, wherein the electrically insulating material comprises a plastics material.

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A method according to any claim 1, including providing a pheromone or parapheromone attractant (5, 15) for luring pests to be controlled.

A method according to claim 1, wherein the surface (4) is coated with a fine powder (7) which is charged electrostatically.

10 11.

A method according to claim 10, wherein the powder (7) is capable of retaining its electrostatic charge for long periods on the surface (4).

12.

A method according to claim 1, wherein undesired removal or loss of the particulate material (7, 17) from the surface (4, 14) is eliminated or at least substantially reduced.

15 13.

A method according to claim 12, wherein undesired removal or other loss of the particulate material (7) from the surface (4) is eliminated or at least substantially reduced by means of raised edges (9), preferably rounded, at the periphery on the surface (4).

14.

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A method according to claim 1, wherein the particulate material (7, 17) is accommodated in at least one recess (6) or trough (16) associated with the particulate material bearing surface (4, 14).

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A method according to claim 14, wherein the particulate material (7) is 15. accommodated in at least one recess (6) provided in the particulate material bearing surface (4). A method according to claim 15, wherein the upper periphery of the or 16. each recess (6) is provided with raised edges (10). 5 A method according to claim 1, wherein the particulate material-bearing 17. surface (4) is provided on a plate (2) which is preformed and stands alone preferably upon feet (8). A method according to claim 14, wherein the particulate 18. L material-bearing surface (14) comprises at least one trough (16) in 10 4 which the particulate material (17) is accommodated. 1 Ų A method according claim 14, wherein the dimensions of the or each 19. recess (6) or the or each trough (16), as the case may be, in which the particulate material (7, 17) is accommodated, are generally smaller than those of the pests to be controlled. 15 A method according to claim 1, wherein the surface (4) comprises part 20. of a tubular trap (1). A method according to claim 20 wherein the trap (1) is provided with a 21. triangular cross-section. A method according to claim 20, wherein the surface (4) is an interior 22. 20

surface of the trap (1).

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23.

Pest control apparatus comprising a surface (4, 14) on to, or above or in the region of which a pest is capable of being directed, attracted or otherwise lured and which bears a particulate material (7, 17) incorporating a killing or behavior-modifying agent, wherein the particulate material (7, 17) is capable of being rendered airborne by movement of the pest on, above, or in the region of the particulate material-bearing surface (4, 14).

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Apparatus according to claim 23, wherein the particulate material (7, 17) is a powder which is sufficiently fine for it to be rendered airborne by a pest moving across, flying above, or in the region of; or taking-off from the particulate material-bearing surface (4, 14), so that the pest, becomes at least partially coated with the powder.

25.

Apparatus according to claim 24, wherein the powder (7, 27) comprises or is combined with at least one biological, synthetic or natural pesticide as a killing agent.

26.

Apparatus according to claim 23 wherein the pest is an insect pest.

27.

Apparatus according to claim 23, wherein the particulate material (7, 17) has properties which enable it to become charged electrostatically as it is rendered and orne from the particulate material-bearing surface (4, 14).

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28.

Apparatus according to claim 27, wherein the particulate material (7, 17) is charged by friction.

29.

Apparatus according to claim 23, wherein the surface (4, 14) is

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= associated with a trap (1, 11), comprising an electrically insulating material.

Apparatus according to claim 29, wherein the electrically insulating material comprises a plastics material.

5 31. Apparatus\according to claim 23, comprising a pheromone or parapheromone attractant (5, 15).

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35.

Apparatus according to claim 23, wherein the surface (4) is coated with a fine powder (7), which is charged electrostatically.

Apparatus according to claim 32, wherein the powder (7) is capable of retaining its electrostatic charge for long periods on the trap surface **(4)**.

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Apparatus according to claim 23, wherein undesired removal or loss of the particulate material (7, \)(7) from the surface (4, 14) is eliminated or at least substantially reduced.

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Apparatus, according to claim \$4, wherein undesired removal or other loss of the particulate material (λ) from the surface (4) is eliminated or at least substantially reduced by raised edges (9), preferably rounded, at the periphery of the surface (4).

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Apparatus according to any of claim 23, wherein the particulate material (7, 17) is accommodated in at least one recess (6) or trough (16) associated with the particulate material-bearing surface (4, 14).

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Apparatus according to claim 36, wherein the particulate material (7) is accommodated in at least one recess (6) provided in the particulate material-bearing surface (4).

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Apparatus according to claim 37, wherein the upper periphery of the or each recess (6) has raised edges (10).

39.

Apparatus according to claim 23, wherein the particulate material-bearing surface (4) is on a plate (2) which is preformed and stands alone, preferably upon feet (8).

40.

Apparatus according to claim 36, wherein the particulate material-bearing surface (14) comprises at least one trough (16) in which the particulate material (17) is accommodated.

41.

Apparatus according to claim 36, wherein the dimensions of the or each recess (6) or the or each trough (16), as the case may be, in which the particulate material (7, 17) is accommodated, are generally smaller than those of the pests to be controlled.

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42. Apparatus according to claim 23, wherein the surface (4) comprises part of a tubular trap (1).

43.

Apparatus according to claim 42, wherein the trap (1) has a triangular cross-section.

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Apparatus according to claim 42, wherein the sunface (4) is an interior surface of the trap (1).

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A pest control trap (1, 11) comprising a surface (4, 14) having at least one recess (6, 16) therein, wherein a particulate material (7, 17) incorporating a pest killing or behavior-modifying agent, is accommodated in the or each recess (6, 16).

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45.

A trap (1, 11) according to claim 45, wherein the or each recess (6, 16) has dimensions which are generally smaller than those of pests to be controlled.

47.

A trap (1, 11) according to claim 45, wherein the particulate material (7, 7) is capable of being rendered airborne by movement of a pest in the vicinity thereof.

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A trap (1, 11) according to claim 27, wherein the particulate material (7, 17) is a time powder.

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A trap (1, 11) according to claim 45, wherein the particulate material is capable of being electrostatically charged.

A trap (1 11) according to claim 45, wherein the particulate material (7, 17) is chargeable by friction as it is rendered airborne, for subsequent contamination of a pest in the vicinity thereof.

51.

A method of preventing the dispersion of a pest-contaminating particulate material (7, 17) form a pest trap (1, 11), which method comprises accommodating the material (7,17) in at least one recess (6, 16) in a surface (4, 14) of the trap (1, 11).

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52. A method according to claim 51, wherein the particulate material (7,

- 23 -

17 comprises a fine powder.

53.

A method according to claim 51, wherein the pest-contaminating particulate material (7, 17) is protected from wind action.

54.

A method according to claim 51, wherein the particulate material (7, 17) is attached to a pest as it flies in the region of or takes-off from the surface (4, 14).

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55. **CP**

A method according to claim 51, wherein the pest is flying insect pest.

56.

A method according to claim 55, wherein downthrust of air generated by the pest's wing beats, renders the particulate material (7) airborne.

10 57.

A method according to claim 56, wherein, as the material (7, 17) becomes airborne, it is charged electrostatically, so that it will adhere to the pest.